

CLAIMS

What is claimed is:

1. A computer reservation system comprising:
 - a server for receiving commands and transmitting responses in a first format;
 - a client computer system for transmitting request messages and receiving response messages in a second format;
 - a translator for receiving request messages in the second format from the client computer system and translating request messages into the first format; and
 - a processor for receiving translated request messages from the translator, transforming the translated request messages into commands, transmitting commands to the server, receiving responses from the server, processing responses into processed messages, and transmitting processed messages to the translator;
 - the translator receiving processed messages from the processor, translating processed messages into the second format, and transmitting response messages in the second format to the client computer system.
2. The system as set forth in claim 1 further including sockets for communicating request messages between the translator and the client computer system.
3. The system as set forth in claim 1 wherein the client computer system transmits request messages in slash format.

4. The system as set forth in claim 3 wherein the translator translates request messages from slash format to XML format.

5. The system as set forth in claim 4 wherein the translator wraps request messages in SOAP (Simple Object Assess Protocol) packets and transmits the SOAP packets to the processor.

6. The system as set forth in claim 5 wherein the processor wraps processed responses in SOAP packets and transmits the SOAP packets to the translator.

7. The system as set forth in claim 6 wherein the translator translates processed responses from XML format to slash format.

8. A computer reservation system comprising:

a server for receiving commands and transmitting responses in a first format;

a translator for receiving request messages in a second format from a client computer system and translating request messages into the first format; and

a processor for receiving translated request messages from the translator, transforming the translated request messages into commands, transmitting commands to the server, receiving responses from the server, processing responses into processed messages, and transmitting processed messages to the translator; and

the translator receiving processed messages from the processor, translating processed messages into the second format, and transmitting response messages in the second format to the client computer system.

9. The system as set forth in claim 8 further including sockets for communicating request messages between the translator and the client computer system.

10. The system as set forth in claim 8 wherein the translator receives request messages in slash format from the client computer system.

11. The system as set forth in claim 10 wherein the translator translates request messages from slash format to XML format.

12. The system as set forth in claim 11 wherein the translator wraps request messages in SOAP (Simple Object Assess Protocol) packets and transmits the SOAP packets to the processor.

13. The system as set forth in claim 12 wherein the processor wraps processed responses in SOAP packets and transmits the SOAP packets to the translator.

14. The system as set forth in claim 13 wherein the translator translates processed responses from XML format to slash format.

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15. A method for making a computer reservation, the steps comprising:

receiving a request message in a first format;

translating the request message from the first format to a second format;

wrapping the translated message in a SOAP (Simple Object Assess Protocol) packet;

parsing the SOAP packet to determine the operation being called;

calling the operation upon a server;

creating a SOAP response document from the response from the server;

unwrapping the SOAP response document;

converting the response from second format to first format; and

transmitting a response message in the first format.

16. The method of claim 15 further including the step of verifying the format of the request message.

17. The method of claim 15 wherein the step of receiving a request message further includes receiving a request message in slash format; the step of translating the request message further includes translating the request message from slash format to XML format; the step of converting the response further includes converting the response from XML format to slash format; and the step of transmitting a response message further includes transmitting a response message in slash format.